

SPREADMASTER



IMPORTANT

Maximum PTO Speed is 500 RPM

SQ/TF Series

OPERATING INSTRUCTIONS AND SPARE PARTS
READ CAREFULLY BEFORE OPERATING MACHINE

July 2006

Technical Data



SERIES "SQ/TF"

Model	SQ/TF 404 F	SQ/TF 600 F	SQ/TF 800 F	SQ/TF 1000 F
Capacity	400 li/480 kg	530 li/636 kg	820 li/984 kg	1000 li/1200 kg
Empty weight	104 kg.	146 kg	146 kg.	154 kg.
Loading height	0.93 m	0.97 m	1.09 m	1.19 m
Width	1.10 m	1.51 m	1.51 m	1.51 m
Spreading Width	5 – 6 * 12 – 14 **	5 – 6 * 12 – 14 **	5 – 6 * 12 – 14 **	5 – 6 * 12 – 14 **
P.T.O. r.p.m.	500	500	500	500
Working speed	4/15 kph	4/12 kph	4/15 kph	4/15 kph

* Powdered fertilisers

** Granulated fertilisers

The technical data are approximate and not binding. The Manufacturer reserves the right to modify them without notice.

ACCESSORIES AVAILABLE

- ◆ Agitator for powdered fertilisers
- ◆ Stainless steel distribution unit
- ◆ Hydraulic remote control (600/1000)
- ◆ Flywheel protection
- ◆ Filter grate
- ◆ Rubber insert tube

You have selected our spreader and we thank you for the confidence placed in our machine. For proper use and to get the best capacities from the machine, we ask you to carefully read these instructions.

Please return the completed warranty card promptly



1 - HOW TO USE THE MACHINE

The spreader cannot be used for purposes other than those for which it has been designed.

The liability is null and void in case of damage occurred if the machine is used for applications different than those specified by the manufacturer.

Correctly operating the machine also implies:

- Following the operating, maintenance and repair instructions given by the manufacturer
- Using original parts and accessories approved by the manufacturer.

The spreader must be operated and repaired by skilled operators who are familiar with correctly operating the machine. The operators must be also aware of the dangers that can arise with the use of the machine.

The operator is requested to strictly follow the rules concerning:

- accident prevention
- labour safety rules
- travelling on public roads.

The operator must strictly obey the warning labels on the machine.

Any liability arising from modifications made on the machine by the user or any other person without the express written consent of the manufacturer is born by the machine's owner.

The spreader does not exceed under normal working conditions a sound level of 80 dB.

Prior to operating the machine/tractor combination ensure that they conform with all safety rules and the traffic code.

2 – GENERAL INSTRUCTIONS

1. Strictly adhere to all safety and accident prevention rules, regulations and OSH guidelines in addition to the instructions contained in this manual.
2. The warnings placed on the machine show safety measures to be taken to prevent accidents.
3. When travelling on public roads strictly follow the traffic rules.
4. Prior to starting work the operator must become familiar with the controls and operating devices on the machine and their respective functions.
5. Wear appropriate clothing. Loose clothing can become entangled in moving parts.
6. It is advisable to operate on tractors provided with a cabin and with a safety frame according to the local regulations.
7. Prior to commencing operations check for people or livestock in the vicinity of the machine. Only operate the equipment if you have good visibility. Move any animal or person away from the dangerous area of the machine (spreading area).
8. Do not carry animals or allow other persons to ride on the machine during operation.
9. The connection of the machine to the tractor must be made to all the available engagement points.
10. Take caution attaching or removing the machine onto/from the tractor.
11. Prior connecting the machine, be sure that the ballasting of the front axle of the tractor is suitable. The ballasting must be attached to the proper approved brackets in accordance to the tractor manufacturer's specifications.
12. Be sure that the tractor front axle loading does not exceed permitted limits.
13. When travelling on the public roads ensure to comply with all rules concerning clearances, overhangs and maximum dimensions.
14. Prior to travelling on a public road ensure that all guards and signalling devices (lights, reflectors, etc.) required are fitted.
15. All remote control devices (cables, ropes, rods, flexible lines, etc.) must be positioned in such a way as to prevent to movements which could lead to accidents or damages.
16. Do not leave the operating seat while the tractor is still moving.
17. The speed and the way of driving must be appropriate to the nature of the ground. In all cases do not perform sudden direction changes.
18. The steering uniformity, tractor adhesion, road holding and the efficiency of the braking devices are influenced by the following factors: weight and nature of the connected machine, ballasting of the front axle and the state of the ground or paving. It is important then, to follow exercise caution appropriate to each situation.
19. Take care when steering taking into consideration the trim, length, height and weight of the machine.
20. Prior using the machine check that all the guard devices are applied and be in good state. Damaged guards must be immediately replaced.
21. Prior beginning the job check the tightness of nuts and screws, particularly those which are securing the implements (discs, firms, deflectors, etc.). Tighten them if necessary.
22. Do not enter the operating area of the machine (spreading area).
23. **Caution!** Check for cracks and shearing which may occur on the remote control devices, particularly those hydraulically controlled.
24. Switch off the engine prior to leaving the tractor seat or working on the machine, removing the key and waiting until all the moving parts have stopped.

2 – GENERAL INSTRUCTIONS (*continued*)

25. Do not move between the machine and the tractor without having previously engaged the hand brake, or having securely chocked the wheels.
26. Prior to performing any work on the machine be sure that it cannot be inadvertently moved.
27. Read carefully the instructions printed on the bags of fertiliser concerning the toxicity or corrosiveness of the product. Follow any precautions to be taken. Prior to loading the fertiliser into the hopper disengage the power take off, switch off the engine and remove the starting key.
28. Caution! Do not operate on a grade over 1 in 10 because of the danger of rolling over.

3 - CONNECTION

1. When connecting or disconnecting the machine to/from the tractor, place the 3-point linkage lever in such a position as to prevent it to be operated or accidentally moved.
2. When connecting the machine onto the three points of the tractor, be sure that the forks and pins match the diameter of the tractor's joints.
3. **Caution!** Check around the three connection points for cracks or breaks.
4. Do not stand between the machine and the tractor when operating the hoisting control lever.
5. During transportation the hoisting arms must be secured by means of stiffening rods to prevent oscillations and lateral movement of the machine.
6. When the machine is not to be transported in hoisted position, block the booster controlling lever.

4 - MOVING PARTS (P.T.O. and P.T.O. shaft)

7. Only use the power take off shaft delivered with the machine or those approved by the manufacturer.
8. Always use the guards on the P.T.O. and power take off shaft and ensure they are in a good state.
9. Check the tubes of the power take off shaft are correctly overlapped and positioned while operating and during transportation.
10. Prior connecting or disconnecting a power take off shaft, disengage the power take off and remove the starting key.
11. If the power take off shaft is equipped with a torque limiting device or with a back stop, the back stop must be firmly mounted on the power take off of the machine.
12. Be careful when assembling to correctly position the power take off shaft.
13. Be sure that the guards of the power take off shaft are secured by means of the chains provided for this purpose.
14. Prior to engaging the power take off be sure that the selected speed and direction of rotation re in accordance with the specifications of the manufacturer. Only engage the power take off at low engine speed.
15. Prior to engaging the power take off be certain that no persons or animals are around the machine.
16. Disengage the power take off when the angle of the power take off shaft is going to exceed 25°.
17. **Caution!** After disengaging the power take off, the moving parts will continue to rotate for a period. Stay clear until they have come to a complete standstill.
18. When storing the machine, the power take off shaft must be supported by a suitable chain.
19. After removing the power take off shaft from the power take off ensure the guards are replaced immediately.

5 - MAINTENANCE

20. Before performing any maintenance or repairs, disengage the power take off, switch off the engine and remove the starting key from the panel.
21. Periodically check the tightness of nuts and screws. Tighten where necessary.
22. Before performing any maintenance on the machine in a raised position, prop it securely with appropriate props.
23. When replacing parts, wear gloves and use the correct equipment.
24. To preserve the environment do not burn or dump oils, greases and filters of any kind. Take them to an approved agent for their recycling or disposal.
25. Check all guards devices for wear. Replace them if necessary.
26. Spare parts must be in accordance with the specifications given by the manufacturer. Only use manufacturer's originals spare parts.
27. Before welding when the machine is connected to the tractor, remove the alternator and battery cables.

6 – BEFORE OPERATING

A - On Delivery

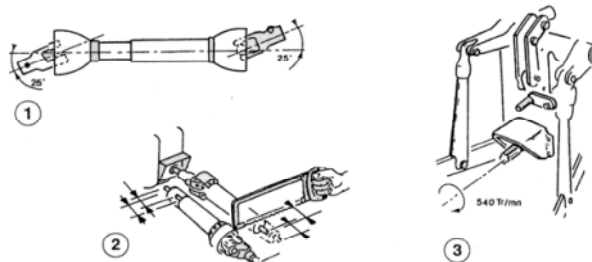
28. Check to see that no parts are missing.
29. Be sure that the hopper is free from foreign matter.
30. The spreader must be used for the designed purpose only.
31. Check for any damage that occurred during transportation and that no bags or parts are missing. These claims will only be considered if reported on delivery.
32. Note any damage on the carrier's consignment note.
33. In case of queries or disputes refer the matter to the supplier.

B - Maintenance

34. Clean all parts ensuring that you do not use any solvent or materials that will damage the gear box, or other parts of the machine.

C - Transmission (for models with a power take off shaft)

35. Before using the machine grease the power take off shaft.
36. To preserve the power take off shaft in a good working state (*see figure*)



- ★ ① Do not exceed the power take off working angle of 25°. Check that the length of the power take off shaft suits your tractor.
- ★ ② Leave a clearance of 3 cm at each end.
- ★ ③ The rotational speed must be 500 r.p.m..

D - Connection (for models with a power take off shaft)

1. The spreader must be connected to the three point linkage.
2. The position of the lugs on the machine and the tractor must match.
3. Place the spreading disc or the oscillating tube parallel and 70 – 80cm above the ground level.

7 - ADJUSTMENTS

A - Capacity adjustment

1. Adjust the position of lever opening the port according to: the quantity to be spread, the tractor speed and the fertiliser used by placing the index from 0 to 10 for models working with spreading disc and from 0 to 9 for models working with an oscillating tube.
2. To achieve a uniform capacity keep a constant forward speed.
3. Adjustment rules (*see diagram or table*).

Example of how to achieve correct spreading adjustment.

Spreading Table																	
Type of Fertiliser	Spreading Width (m)	Working Speed (kph)	Numbered Rack Position														
			1R	1S	1T	2R	2S	2T	3R	3S	3T	4R	4S	4T	5R	5S	5T
Complex 12.12.12 ps = 1kg/l	12	6	/	/	/	36	58	82	104	146	186	228	280	354	416	488	560
		8	/	/	/	27	43	61	78	109	139	171	217	265	311	366	420
		10	/	/	/	22	35	49	62	88	112	137	174	202	249	293	336
		⇒ 12 ⇒	/	/	/	18	30	41	52	76	93	114	145	177	208	244	280
		14	/	/	/	15	25	35	46	63	80	96	124	152	179	209	240

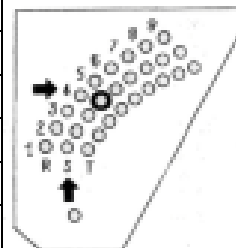
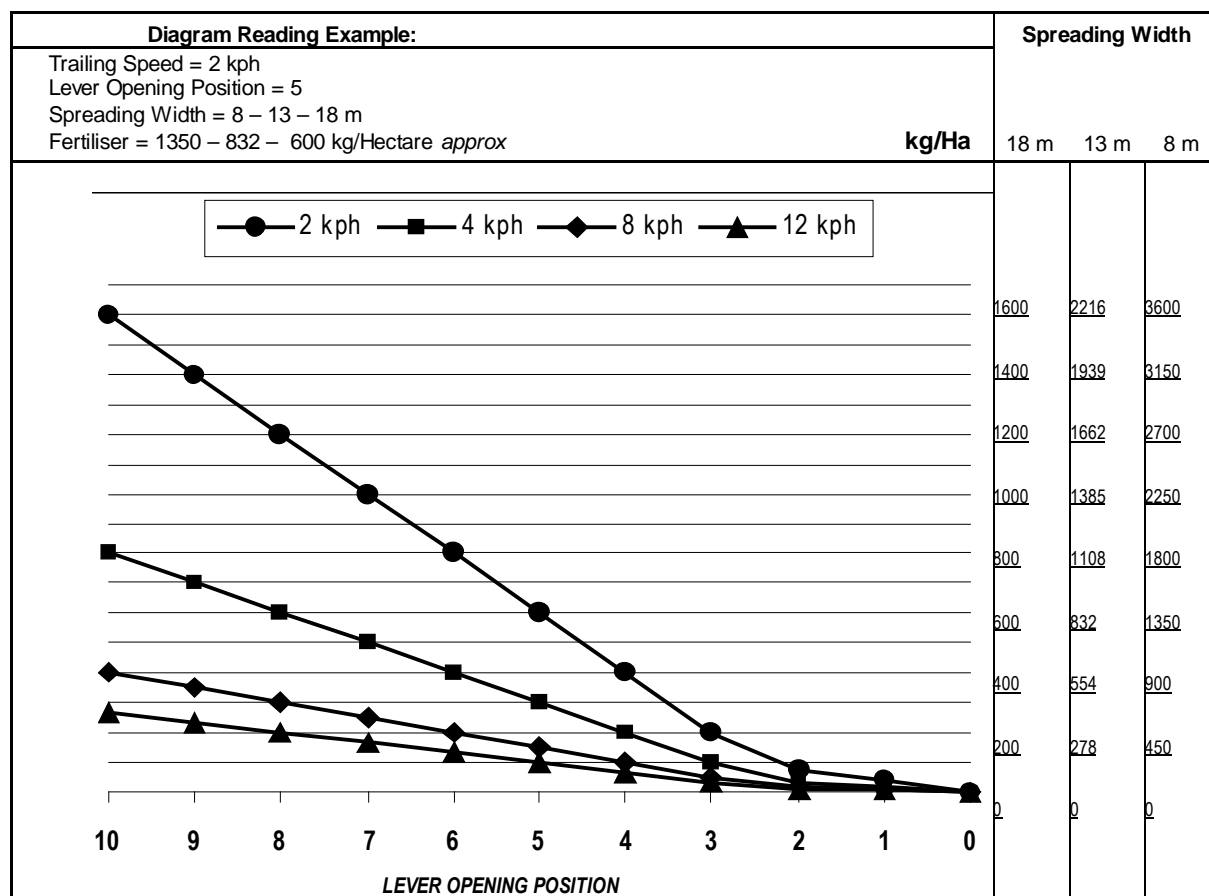
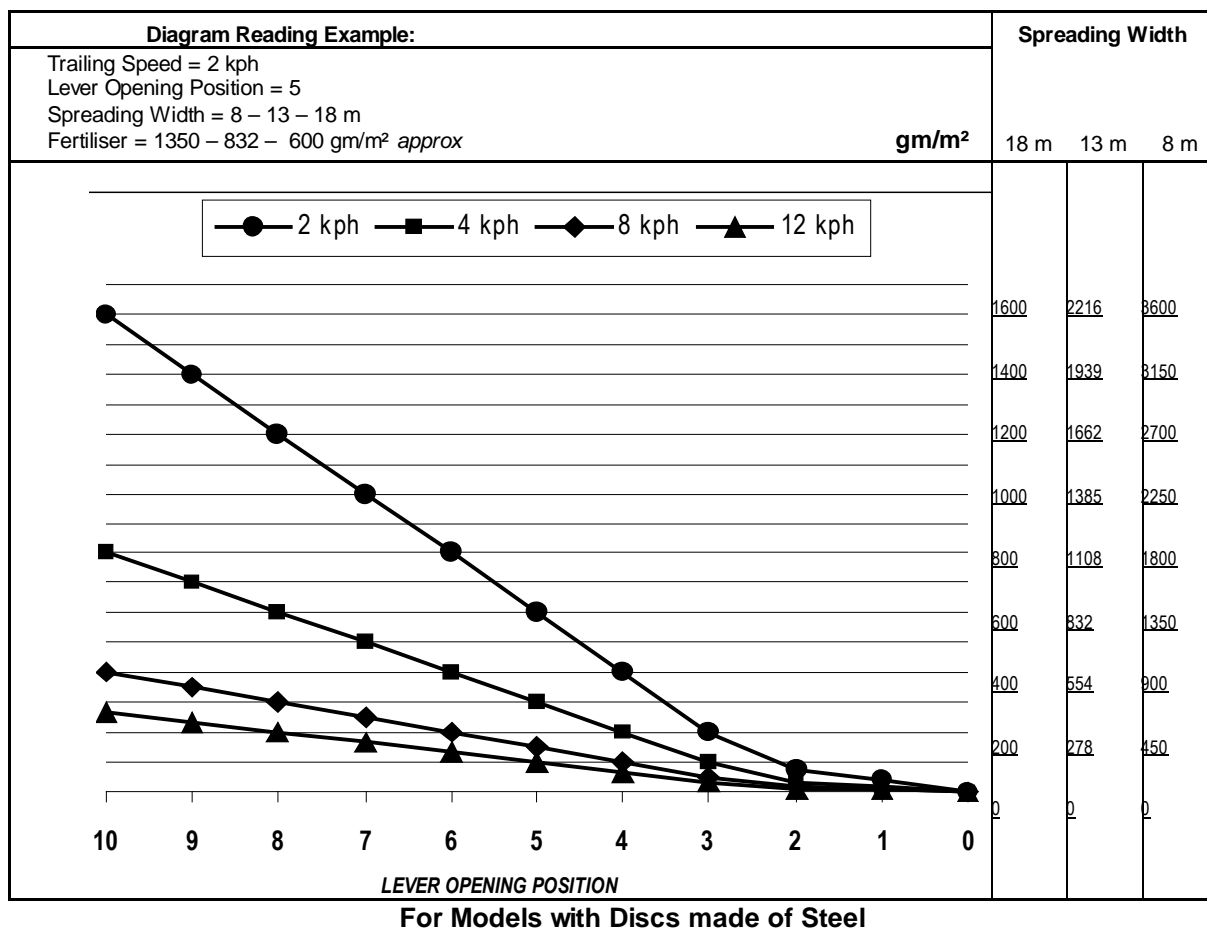


Table For Oscillating Bar Type Models

The graded scale comprises three lines of holes marked with the letters R, S and T. Each line consist of 9 holes, which are out of line with the holes of the previous line by half a diameter. This system allows simple but effective adjustment with 27 different fertiliser quantity settings. The exact hole into which the pin should be inserted can be obtained from the spreading table used as shown in the example.



For Models with Discs made of Steel



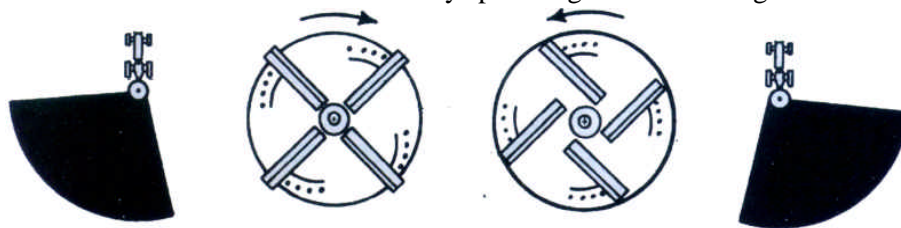
B – Width Adjustment

The spreader had been designed to get a good fertiliser distribution on the ground. To get good results it is necessary to reach the following conditions:

1. Keep the power take off rotational speed at 540 r.p.m. (*the spreading width is strongly influenced by rotational speed*).
2. Keep the machine in the horizontal position and the centrifugal disc or oscillating tube at 70 to 80cm above the ground level.
3. Keep the spreading fins and the oscillating tube in a good state.
4. Replace the hopper agitator if worn.
5. Other factors influencing the fertiliser distribution:
 - ★ The unit weight of the product and its dimension.
 - ★ The specific humidity and the wind.

B – Width Adjustment (continued)

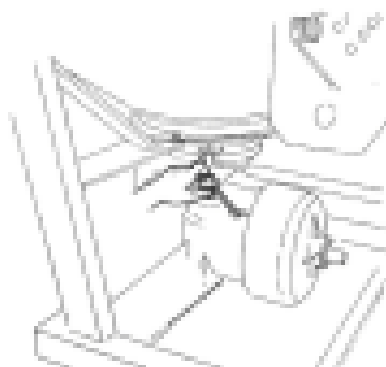
6. To obtain the desired distribution, adjust the position of the disc fins:
- ★ Move them back if the fertiliser is mainly spreading towards the left side.
 - ★ Move them forward if the fertiliser is mainly spreading towards the right side.



8 - MAINTENANCE AND PRESERVATION

The spreader is an agricultural implement whose maintenance is difficult to perform. It is constantly submitted to the worst conditions:

- ★ - Chemical etching: potassium, phosphoric acid, nitrogen.
 - ★ - Mechanical damages: granulated abrasion, shocks and scoring.
 - ★ - Weather damages from rain and the inclemency of the weather, closeness to the sea.
 - ★ - High pressure washing: high pressure too close to the machine.
1. Before Starting Work:
- ★ Spray a mixture of fuel and oil on the implement, especially on concealed parts and corners. Do not forget to do this in a ventilated room or in the open air.
 - ★ Apply, by means of a brush or greaser, a thick grease onto the moving parts such as power take off shaft and spiders.
2. After Each Working Session:
- ★ Wash the implement after without excessive pressure and without directing the jet into the moving parts such as bearings.
 - ★ Carefully dry the implement (*Water + fertiliser = liquid fertiliser = corrosion*).
 - ★ Spray a mixture of fuel and vegetable oil on to the implement. Do not forget to do this in a ventilated room or in the open air.
 - ★ Grease the moving parts with a brush or greaser.
37. At the End of Each Season:
- ★ After washing, drying, spraying and greasing store the implement out of the weather. The corrosion causes serious damage when the implement is not used.
 - ★ If cracks and scoring have taken place, brush them using a wire brush and smear them with a rust proof preventer.
 - ★ Store the implement on wooden boards.
38. To be checked:
- ★ Check all nuts, bolts and screws after 10 hours of operation. Tighten them if necessary.
 - ★ Check the state of the moving/wearing parts. Replace them if necessary.
 - ★ The oil level for models equipped with an oil-filled gear box. Replace the oil after the first 30 hours of operation and then after each 150 hours of operation using an SAE 85 W6140 oil.



In the models fitted with pendulum spreaders remove the sealing plug on the transmission unit and replace with the supplied oil level dipstick.

Spreading Table (Kg/Ha)
PTO Speed: 540rpm

Type of Fertiliser	Spreading Width (m)	Working Speed (kph)	Numbered Rack Position														
			1R	1S	1T	2R	2S	2T	3R	3S	3T	4R	4S	4T	5R	5S	5T
Complex 12-12-12 SG = 1 Kg/L	12	6	/	/	/	38	58	82	104	146	186	228	290	354	416	488	580
		8	/	/	/	27	43	61	78	109	139	171	217	265	311	366	420
		10	/	/	/	22	35	49	62	88	112	137	174	212	249	293	338
		12	/	/	/	18	19	41	52	73	93	114	145	177	208	244	280
		14	/	/	/	15	25	35	46	63	80	98	124	152	179	209	240
Superphosphate SG = 1.1 Kg/L	12	6	/	/	/	20	42	64	86	122	160	196	252	306	362	426	492
		8	/	/	/	15	31	48	64	91	120	147	189	229	271	319	369
		10	/	/	/	12	25	38	51	73	96	118	151	184	217	256	295
		12	/	/	/	10	21	32	43	61	80	98	126	153	181	213	246
		14	/	/	/	9	18	27	36	52	69	84	108	131	155	183	211
Ammonium Nitrate SG = 1.05 Kg/L	12	6	/	/	/	56	92	128	164	218	270	324	404	484	564	652	742
		8	/	/	/	42	69	96	122	163	202	243	303	363	423	489	556
		10	/	/	/	34	55	77	98	131	162	194	242	290	338	391	445
		12	/	/	/	28	46	64	82	109	135	162	202	242	282	326	371
		14	/	/	/	24	39	55	70	93	116	139	173	207	242	279	318
Calcium Nitrate SG = 1.03 Kg/L	10	6	/	/	/	/	/	/	78	114	152	190	246	300	356	424	492
		8	/	/	/	/	/	/	59	85	114	142	184	225	266	318	369
		10	/	/	/	/	/	/	47	68	91	113	148	180	213	254	295
		12	/	/	/	/	/	/	39	57	76	95	123	150	178	212	246
		14	/	/	/	/	/	/	33	49	65	81	105	129	152	182	211
Ammonium Sulfate SG = 1.03 Kg/L	7	6	/	/	/	66	124	182	240	322	404	486	620	752	886	1028	1172
		8	/	/	/	49	93	136	180	241	303	364	465	564	664	771	879
		10	/	/	/	40	74	109	144	193	242	291	372	451	531	617	703
		12	/	/	/	33	62	91	120	161	202	243	310	376	443	514	586
		14	/	/	/	38	53	78	103	138	173	208	266	322	279	440	502
Magnesic Potassium Sulfate SG = 1.14 Kg/L	11	6	/	/	/	28	56	86	114	162	212	260	326	390	456	520	582
		8	/	/	/	21	42	64	86	121	159	194	244	292	341	390	436
		10	/	/	/	17	34	52	68	97	127	155	196	234	273	312	349
		12	/	/	/	14	28	43	57	81	106	130	163	195	228	260	291
		14	/	/	/	12	24	37	49	69	91	111	140	167	195	223	249
Granulated Potassium Chloride SG = 1.06 Kg/L	10	6	/	/	/	26	62	100	136	192	250	306	380	456	530	628	724
		8	/	/	/	19	46	75	101	144	187	229	285	342	397	469	543
		10	/	/	/	16	37	60	81	115	150	183	228	274	318	378	434
		12	/	/	/	13	31	50	68	96	125	153	190	228	265	313	362
		14	/	/	/	11	27	43	58	82	107	130	163	195	227	268	310
Urea SG = 0.75 Kg/L	10	6	/	/	/	38	64	90	116	170	222	278	336	396	456	530	606
		8	/	/	/	28	48	67	87	127	166	206	252	297	341	397	454
		10	/	/	/	23	38	54	69	102	133	165	142	238	273	318	364
		12	/	/	/	19	32	45	58	85	111	138	168	196	228	265	303
		14	/	/	/	16	27	39	50	73	95	118	144	170	195	227	260
Calcium Cyanomide SG = 1.04 Kg/L	9	6	/	/	/	68	124	178	234	316	396	478	596	714	832	966	1098
		8	/	/	/	51	93	133	175	237	297	358	447	535	624	724	832
		10	/	/	/	41	74	107	140	190	238	266	358	428	499	580	659
		12	/	/	/	34	62	89	117	158	198	239	298	357	416	483	549
		14	/	/	/	29	53	76	100	135	170	204	205	229	357	414	471
Granulated Thomas Scoria SG = 1.48 Kg/L	14	6	/	/	/	32	64	94	126	182	238	294	362	432	500	598	696
		8	/	/	/	24	48	70	94	136	178	220	271	324	375	488	522
		10	/	/	/	19	38	56	76	109	143	176	217	259	300	359	418
		12	/	/	/	16	32	47	63	91	119	147	181	216	250	299	348
		14	/	/	/	14	37	40	54	78	102	126	155	185	214	256	298
Powdered Thomas Scoria SG = 1.55 Kg/L	6	6	/	/	/	50	122	194	266	538	808	1080	1528	1976	2424	2696	2966
		8	/	/	/	-38	162	145	200	403	606	809	1146	1482	1817	2022	2224
		10	/	/	/	30	73	116	160	323	485	647	917	1186	1454	1618	1780
		12	/	/	/	25	61	97	133	269	404	540	764	988	1212	1348	1483
		14	/	/	/	21	52	83	114	231	346	462	655	847	1038	1155	1271

Spreading Table (Kg/Ha) (continued)
PTO Speed: 540rpm

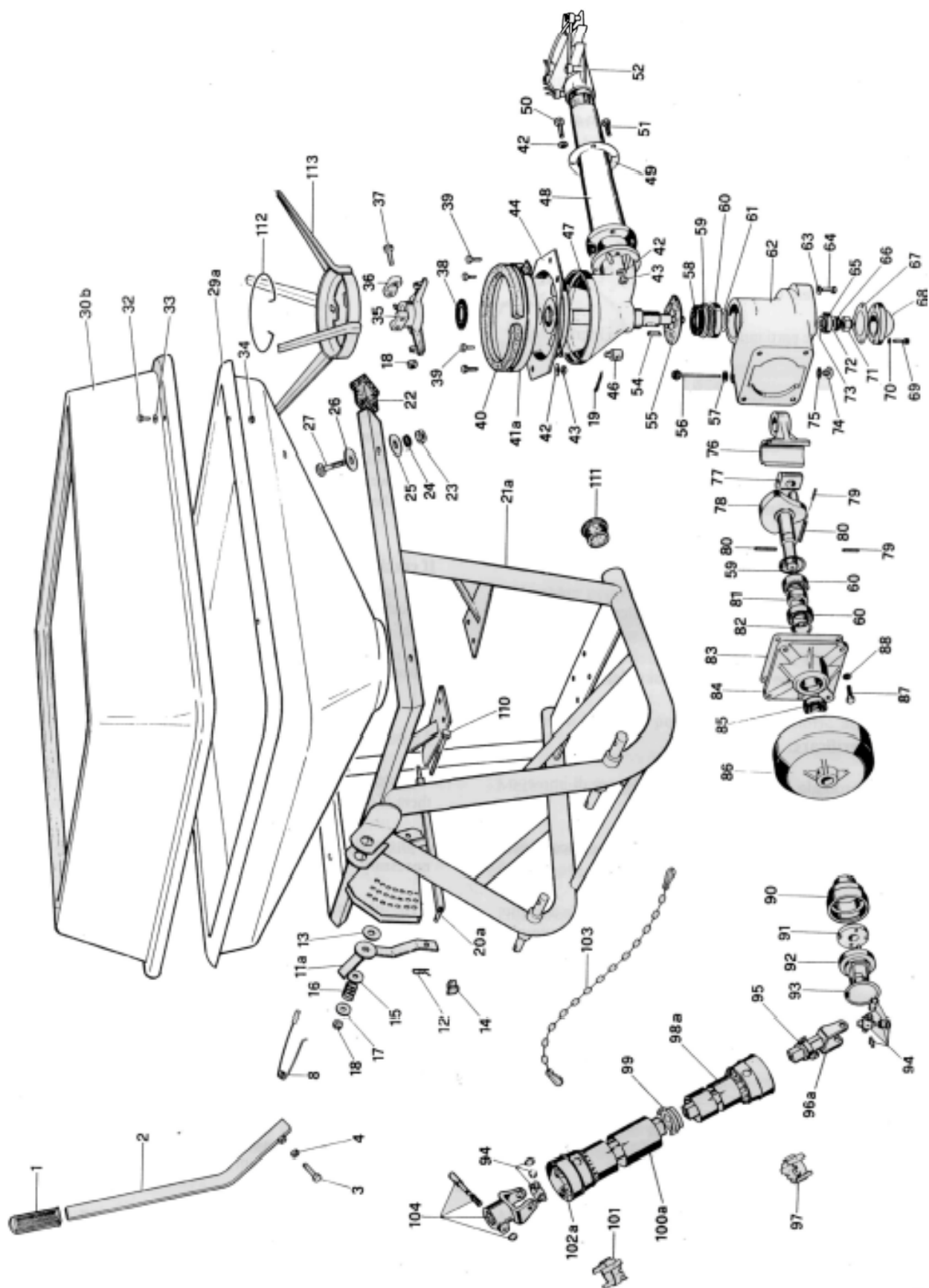
Type of Fertiliser	Spreading Width (m)	Working Speed (kph)	Numbered Rack Position											
			6R	6S	6T	7R	7S	7T	8R	8S	8T	9R	9S	9T
Complex 12-12-12 SG = 1 Kg/L	12	6	632	698	764	830	944	1056	1170	1207	1244	1282	1296	1320
		8	473	523	573	623	708	792	878	905	933	962	972	990
		10	379	419	458	498	566	634	702	724	746	769	778	792
		12	316	349	382	415	472	528	585	603	622	641	648	660
		14	270	299	327	356	405	452	5001	517	533	549	555	566
Superphosphate SG = 1.1 Kg/L	12	6	556	636	718	798	888	980	1070	1136	1204	1270	1290	1310
		8	417	477	538	596	666	735	803	852	903	963	967	982
		10	334	382	431	478	538	588	642	682	722	762	744	786
		12	278	318	359	399	444	490	535	588	602	635	645	655
		14	238	273	308	342	380	420	459	487	516	544	553	561
Ammonium Nitrate SG = 1.05 Kg/L	12	6	830	956	1082	1208	1274	1340	1407	1448	1480	1532	1544	1556
		8	623	717	811	906	955	1005	1055	1086	1117	1148	1158	1167
		10	498	574	649	725	762	804	844	869	894	919	926	934
		12	415	478	541	604	637	670	704	724	745	766	772	778
		14	356	410	464	518	546	574	603	621	638	656	662	667
Calcium Nitrate SG = 1.03 Kg/L	10	6	560	634	706	780	870	960	1050	1154	1256	1360	1400	1435
		8	420	475	529	585	625	720	788	865	942	1020	1050	1076
		10	336	380	424	468	522	576	630	692	754	812	840	861
		12	280	317	353	390	435	480	525	577	628	690	700	717
		14	240	272	303	334	373	411	450	495	538	583	600	615
Ammonium Sulfate SG = 1.03 Kg/L	7	6	1314	1490	1666	1842	2050	2256	2464	2490	2514	2540	2570	2585
		8	986	1117	1249	1381	1537	1692	1847	1867	1885	1905	1927	1939
		10	788	894	999	1105	1230	1354	1478	1494	1508	1525	1542	1551
		12	657	745	833	921	1025	1128	1232	1245	1257	1270	1285	1292
		14	563	639	714	789	878	967	1056	1067	1077	1089	1101	1108
Magnesic Potassium Sulfate SG = 1.14 Kg/L	11	6	616	736	828	918	1034	1152	1268	1327	1386	1445	1486	1500
		8	484	552	621	689	775	864	951	995	1039	1084	1115	1125
		10	387	442	497	551	620	691	761	796	832	867	892	900
		12	323	368	414	459	517	576	634	663	693	723	743	750
		14	276	315	355	393	443	493	543	569	594	619	637	643
Granulated Potassium Chloride SG = 1.06 Kg/L	10	6	820	932	1144	1156	1238	1318	1400	1466	1534	1600	1660	1680
		8	615	699	783	866	928	988	1050	1099	1150	1200	1245	1260
		10	492	559	624	693	743	791	840	880	920	960	996	1008
		12	410	466	522	578	619	659	700	733	767	800	830	840
		14	351	389	447	495	531	585	600	628	657	688	711	720
Urea SG = 0.75 Kg/L	10	6	680	768	858	946	1030	1116	1200	1234	1266	1300	1320	1335
		8	510	576	643	709	772	837	900	925	949	975	990	1001
		10	408	461	515	567	618	670	720	740	759	780	792	801
		12	340	384	429	473	515	558	600	617	633	650	660	667
		14	291	329	368	405	441	478	514	529	543	557	566	572
Calcium Cyanomide SG = 1.04 Kg/L	9	6	1232	1346	1462	1576	1650	1728	1800	1834	1866	1900	1925	1940
		8	924	1009	1096	1182	1237	1294	1350	1375	1399	1425	1444	1455
		10	739	808	877	946	990	1035	1080	1100	1120	1140	1155	1164
		12	616	673	731	788	825	863	900	917	933	950	962	970
		14	528	577	626	675	707	740	771	788	800	814	825	831
Granulated Thomas Scoria SG = 1.48 Kg/L	14	6	794	882	970	1058	1182	1304	1428	1502	1576	1650	1692	1714
		8	595	661	727	793	886	978	1071	1128	1182	1237	1269	1285
		10	476	529	582	634	709	782	857	901	946	989	1015	1028
		12	397	441	485	529	591	652	717	761	788	825	846	857
		14	340	378	416	453	507	559	612	644	675	707	725	735
Powdered Thomas Scoria SG = 1.55 Kg/L	6	6	3238	3586	3934	4282	4680	5080	5478	5578	5630	/	/	/
		8	2428	2689	2950	3211	3510	3810	4108	4183	4222	/	/	/
		10	1942	2152	2360	2569	2808	3048	3287	3347	3378	/	/	/
		12	1619	1793	1967	2141	2340	2540	2739	2789	2815	/	/	/
		14	1387	1537	1686	1835	2006	2177	2348	2391	2413	/	/	/

Spreading Table (Kg/Ha) (continued)
PTO Speed: 540rpm

Type of Seed	Spreading Width (m)	Working Speed (kph)	Numbered Rack Position																	
			1R	1S	1T	2R	2S	2T	3R	3S	3T	4R	4S	4T	5R	5S	5T	6R	6S	6T
Clover	8	6	8	26	44	62	100	140	178	244	308	374	440	506	/	/	/	/	/	/
		8	6	19	33	46	75	105	133	183	231	280	330	379	/	/	/	/	/	/
		10	5	16	26	37	60	84	107	146	185	224	264	304	/	/	/	/	/	/
		12	4	13	22	31	50	70	89	122	154	187	220	253	/	/	/	/	/	/
		14	3	11	19	26	43	60	76	105	132	160	188	217	/	/	/	/	/	/
Grass	8	6	8	22	36	52	84	116	148	202	258	312	368	422	/	/	/	/	/	/
		8	6	16	28	39	63	87	111	151	193	234	276	316	/	/	/	/	/	/
		10	5	13	23	31	50	70	89	121	155	187	221	253	/	/	/	/	/	/
		12	4	11	19	26	42	58	74	101	129	156	184	211	/	/	/	/	/	/
		14	3	9	16	22	36	50	63	87	110	134	158	181	/	/	/	/	/	/
Lucerne	8	6	10	26	42	58	94	128	164	232	298	366	448	526	/	/	/	/	/	/
		8	8	19	31	43	70	96	123	174	223	274	334	394	/	/	/	/	/	/
		10	6	16	25	35	56	77	98	139	179	220	267	316	/	/	/	/	/	/
		12	5	13	21	29	47	64	82	116	149	183	223	263	/	/	/	/	/	/
		14	4	11	18	25	40	55	70	99	128	157	191	225	/	/	/	/	/	/
Wheat	12	6	/	/	/	16	46	78	108	156	202	250	316	384	450	528	606	684	776	866
		8	/	/	/	12	34	58	81	117	151	187	237	288	337	296	454	513	582	649
		10	/	/	/	10	27	47	65	94	121	150	190	230	270	317	364	410	466	520
		12	/	/	/	8	23	39	54	78	101	125	158	192	225	264	303	342	388	433
		14	/	/	/	7	20	33	46	67	86	107	135	164	193	226	260	428	332	371
Barley	12	6	/	/	/	12	30	48	66	94	124	152	196	240	284	346	408	470	536	600
		8	/	/	/	9	22	36	49	70	93	114	147	180	213	259	306	352	402	450
		10	/	/	/	7	18	29	40	56	74	91	118	1444	1.70	207.	245	282	321	360
		12	/	/	/	6	15	24	33	47	62	76	98	120	142	173	204	235	268	300
		14	/	/	/	5	13	20	28	40	53	65	84	102	122	148	175	201	229	257
Oats	12	6	/	/	/	12	24	38	50	68	88	106	142	178	214	254	292	332	392	450
		8	/	/	/	9	18	28	37	51	66	79	106	133	160	190	219	249	294	337
		10	/	/	/	7	14	23	30	41	53	64	85	107	128	152	175	199	235	270
		12	/	/	/	6	12	19	25	34	44	53	71	89	107	127	146	166	196	225
		14	/	/	/	5	10	16	21	29	38	45	61	76	92	106	125	162	168	193

NOTES

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Series SQ/TF

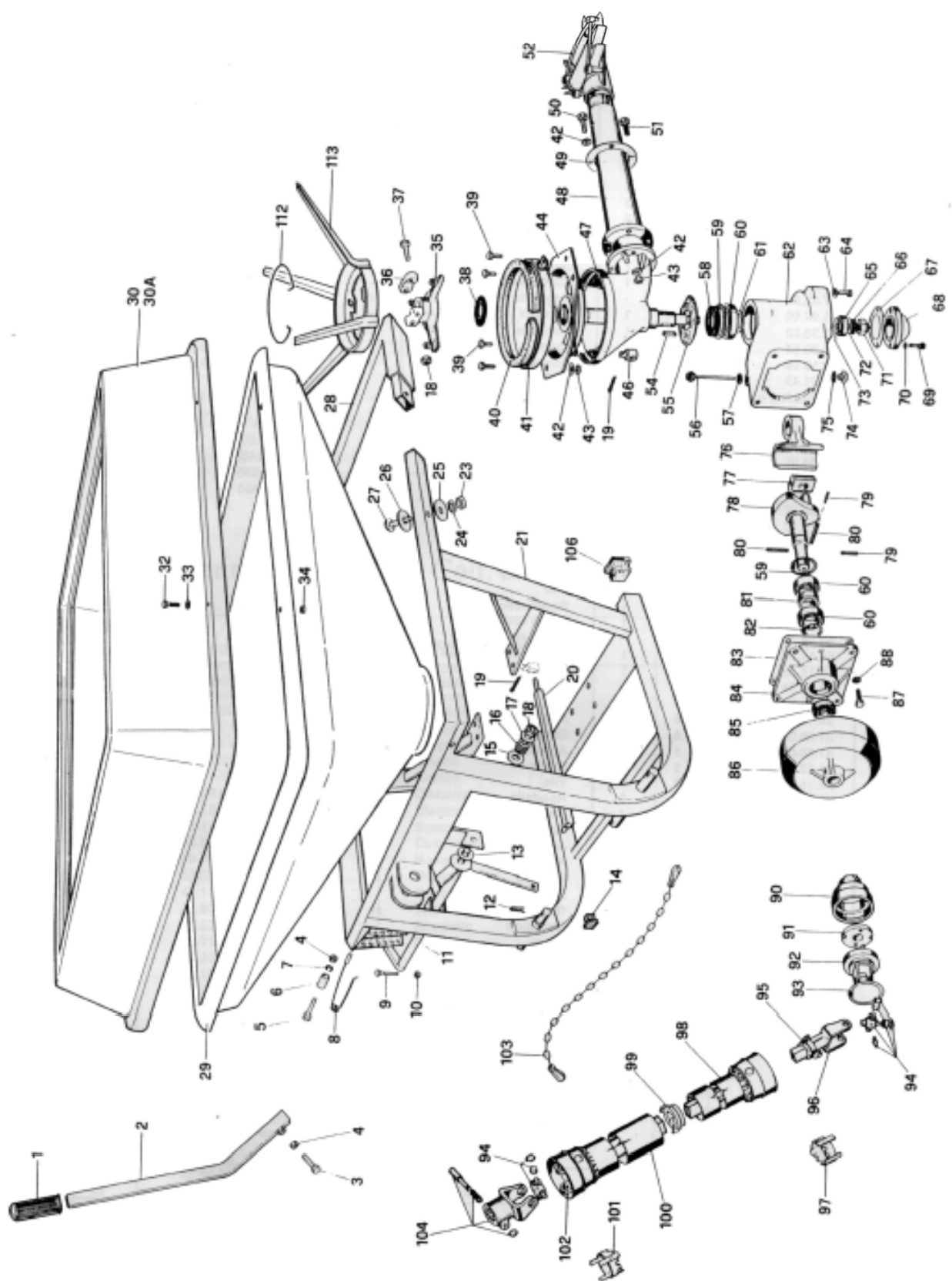
N°	Code	Quantity		Description
		404	600	
1	58.60.77	1	1	Handle
2	37.30.15	1	1	Lever
3	22.51.25	1	1	Screw
4	21.11.08	1	3	Nut
5	22.51.33	-	2	Screw
6	35.10.35		2	Spacer
7	20.23.08		2	Washer
8	61.17.05	1	1	Spring
9	22.15.84	-	1	Screw
10	21.30.06	-	1	Nut
11	37.32.07	-	1	Support 600
11 a	37.32.05	1	-	Support 404
12	25.00.60	1	1	Cotter pin
13	58.38.22	1	1	Washer
14	58.30.53	1	1	Plug
15	20.19.16	1	1	Washer
16	61.01.43	1	1	Spring
17	20.10.13	1	1	Washer
18	21.30.12	2	3	Nut
19	25.00.60	1	1	Cott pin
20	37.34.07	-	1	Tie rod 600
20 a	37.34.05	1	-	Tie rod 404
21	37.02.15	-	1	Frame 600
21 a	37.02.11	1	-	Frame 404
22	58.30.57	2	4	Plug
23	21.10.12	4	4	Nut
24	20.24.12	4	4	Washer
25	20.19.22	4	4	Washer
26	20.11.16	4	4	Washer
27	22.93.37	4	4	Screw
28	37.73.06	-	1	Half ring
29	58.04.06	-	1	Hopper 600
29a	58.04.29	1	-	Hopper 404
30	58.14.14	-	1	Extension 400x600
30 a	58.14.12	-	1	Extension 200x600
30 b	58.14.04	1		Extension 1 00x404
32	22.51.29	8	12	Screw
33	20.11.08	8	12	Washer
34	21.30.08	8	12	Nut
35	41.50.05	1	1	Agitator
36	41.52.05	1	1	Bracket
37	22.16.78	2	2	Screw
38	58.38.71	1	1	Washer
39	22.51.52	4	4	Screw
40	19.07.58	1	1	Gasket
41	39.40.05	-	1	Ring
41 a	39.40.10	1	-	Ring
42	20.23.10	4	4	Washer
43	21.11.10	7	7	Nut
44	62.70.25	1	1	Distributor unit
46	35.40.27	1	1	Pawl
48	58.20.05	1	1	Tube
49	36.84.15	1	1	Ring
50	22.51.56	1	1	Screw
51	22.51.59	3	3	Screw
52	58.22.06	1	1	Deflector
63	20.21.12	4	4	Washer
64	22.46.83	4	4	Screw
79	25.11..92	2	2	Plug
80	25.12.65	2	2	Plug
90	41.60.05	1	1	Joint
91	58.80.05	1	1	Spring drive
93	25.61.59	1	1	Ring
110	22.11.79	1	-	Screw
111	58.30.37	1		

Optional




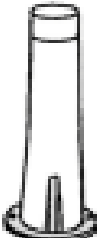
N°	Code	Quantity		Description
		404	600	
112	61.17.15	1	1	Spring
113	39.38.15	1	1	Agitator for powder

N°	Code	Quantity		Description
		404	600	
92	35.20.05	1	1	Fork
94	63.80.02	2	2	Cross
95	63.80.20	1	1	Ring nut
96	63.80.28	-	1	Fork
96a	63.80.24	1	-	Fork
97	63.80.81	1	1	Ring nut
98	63.80.65	-	1	Protection
98a	63.80.69	1	-	Protection
99	63.80.19.	1	1	Ring nut
100	63.80.52	-	1	Protection
1008	63.80.56	1	-	Protection
101	63.80.80	1	1	Ring nut
102	63.80.12	-	1	Fork
102 a	63.80.08	1	-	Fork
103	63.80.84	1	1	Chain
104	63.80.01	1	1	Fork
	62.81.54	1	-	Drive shaft LI =800
	62.81.58	-	1	Drive shaft LI =1000

N°	Code	Quantity	Description
47	51.05.05	1	Tank
54	25.81.03	1	Key
55	58.38.90	1	Washer
56	58.33.64	1	Plug
57	58.33.64	1	Plug
58	27.55.59	1	Ring
59	25.61.56	2	Ring
60	60.00.43	3	Bearing
61	35.10.07	1	Spacer
62	41.10.05	1	Box
65	60.00.31	1	Bearing
66	20.00.21	1	Washer
67	57.05.05	1	Gasket
68	41.13.30	1	Small lid
69	22.80.62	3	Screw
70	20.23.06	3	Washer
71	21.31.20	1	Nut
72	20.30.20	1	Washer
73	35.10.05	1	Spacer
74	26.16.77	1	Plug
75	26.16.77	1	Plug
76	41.20.05	1	Fork
77	51.45.05	1	Slide
78	31.05.05	1	Shaft
81	35.10.06	1	Spacer
82	25.60.35	1	Ring
83	57.05.10	1	Gasket
84	41.13.'05	1	Lid
85	27.52.40	1	Ring
86	41.30.05	1	Flywheel
87	22.46.54	4	Screw
88	20.23.10	4	Washer

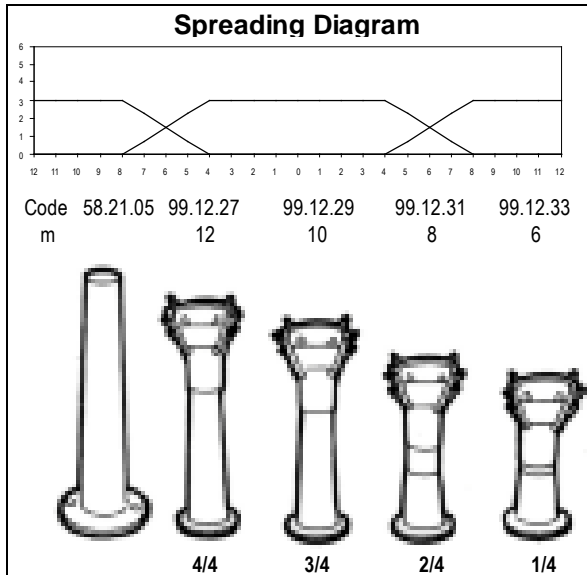


Accessories

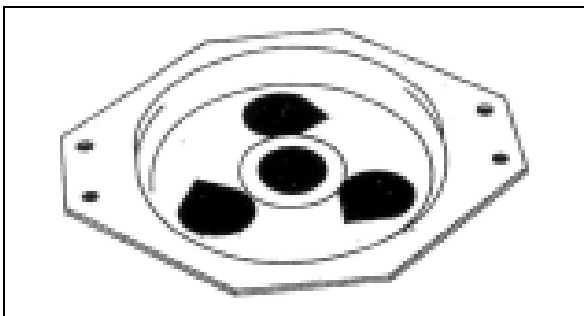
Code	99.15.59	99.12.56	99.12.52	99.12.05
m	2	3	5	7
				
	1/4	2/4	3/4	4/4

1/4	m	1	2	1
2/4	m	1	3	1
3/4	m	1	5	1
4/4	m	1	7	1

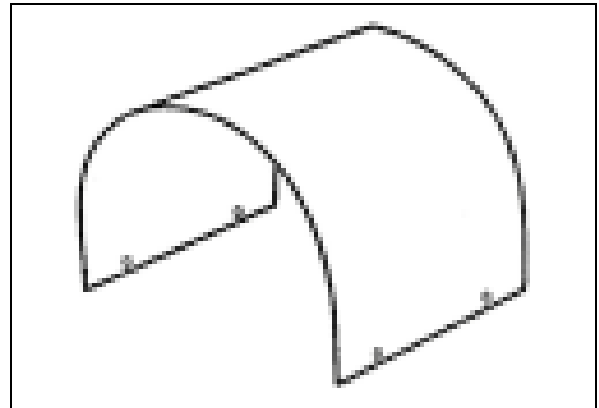
The tapered spouts without end deflector are used for spreading on rows of trees, etc. For each shorter spout there is a corresponding narrowed inter-row spout. This system ensures that the fertiliser is spread almost entirely at the sides, over a band approximately 3' wide, leaving a central strip parallel to the tractor still to be spread – this strip varies according to the length of the fitted tapered spout.



The tapered spout (4/4) supplied is a standard model allowing a spreading width of about 39'4". If less width is required, shorter tapered spouts should be fitted (eg. 3/4-2/4-1/4). The rubber insert (code 58.21.05) is needed inside the tapered spout for the distribution of damp fertilisers or peat. This is available as a kit.



62.70.30 - Stainless steel distributor.

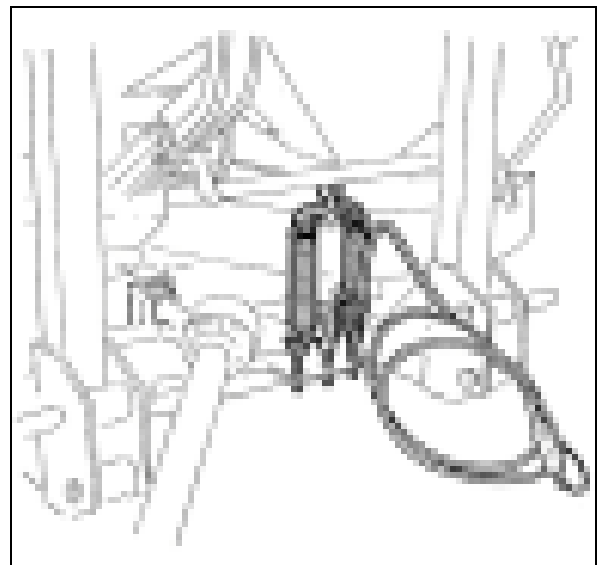


Power Take Off Cover.

99.42.01 (SPTO)

99.42.02 (SQTF 404)

99.42.03 (SQTF 600-800-1)



99.30.30 - Hydraulic remote control (SQTF 600-800-1000).

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